Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	Eartwork excavation for foundation of buildings,water supply,sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom								
	Vide Premeasurement page no.					125.74			
					Present Qty	**125.74**	**Cum**		
					Present Qty	**112.10**	**Cum**	**332.31**	**37252.13**
					Present Qty	**13.64**	**Cum**	**332.31**	**4531.90**
2	Provding and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications								
	Vide Premeasurement page no.					386.91			
					Present Qty	**386.91**	**Cum**	**286.74**	**110944.04**
3	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40 mm and down size graded granite metal machine mixed,concrete laid in layers not exceeding 15cm thick well compacted,in foundation and								
	Vide Premeasurement page no.					8.38			
					Present Qty	**8.38**	**Cum**		
					Upto 125%	**2.90**	**Cum**	**5892.35**	**17087.81**
					Above 125%	**5.48**	**Cum**	**5892.35**	**32304.81**
4	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and								
	Vide Premeasurement page no.					4689.26			
					Present Qty	**4689.26**	**Kg**	**86.69**	**406511.51**
5	Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super								
	Vide Premeasurement page no.					91.42			
					Present Qty	**91.42**	**Cum**	**6684.03**	**611067.41**

For M/s. Suraksha Electrical
Proprietor
Contractor

NEWZEN CONSULTANTS Bangalore
Consultant

Assistant Engineer

Asst. Executive Engineer,

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : ~~16/12/22~~ 14/2/22

Detailed Measurements

m/o	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
7	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for .....Mtrs pole in single section and single joint welded as per IS 9595/IS 10178AWS having dimensions bottom .....mm, top....mm with 3mm thick, suitable base plate and 4Nos of long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc., (excluding								
	From Seshadripuram College to Bangarpet Chats								
		80				80.00			
						Present Qty	**80.00**	**Nos**	**9516.19**	**761294.88**

C.F.C

Contractor

For M/s. Suraksha Electric
Proprietor

NEWZEN CONSULTANT Bangalore
Consultant

Asst. Engineer,

Asst. Executive Engineer,
18/8/22
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಪತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ame of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

e of Measurement : 14/2/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
8	Supplying, and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaries and mounted on Octagonal pole using necessary bolts, nuts etc., complete.Single Arm Bracket with 1500mm Standard 40/50MM dia								
	From Seshadripuram College to Bangarpet Chats								
		80				80.00			
					Present Qty	**80.00**	**Nos**	**2214.43**	**177154.56**

Contractor

For M/s. Suraksha Electric
Proprietor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer,

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಪಾಲಿಕೆ

Asst. Executive Engineer,

18/8/22

me of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

of Measurement : 16/7/22

Detailed Measurements

m lo	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
9	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED								
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout								
		1	40.00			40.00			
					Present Qty	**40.00**	**Nos**	**9646.20**	**385848.00**

For M/s. Suraksha Electric
Proprietor

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer,

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Asst. Executive Engineer,

18/8/22

me of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

te of Measurement : 18/2/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
10	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working								
	From Seshadripuram College to Bangarpet Chats								
		80				80.00			
					Present Qty	**80.00**	**Nos**	**7507.26**	**600580.80**

For M/s. Sri Maruthi Electric
Proprietor

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer,

Asst. Executive Engineer.
18/2/22

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 23/6/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm								
	Major Sandeeep Unni Krishnan Road								
	From Veersavankar Flyover To Araka Hospital For Cicle Track LHS								
	Ch: 0.00m to 10.00m	1	14.00			14.00			
	Ch: 10.00m to 20.00m	1	14.00			14.00			
	Ch: 20.00m to 30.00m	1	14.00			14.00			
	Ch: 30.00m to 40.00m	1	14.00			14.00			
	Ch: 40.00m to 50.00m	1	14.00			14.00			
	Ch: 50.00m to 60.00m	1	14.00			14.00			
	Ch: 60.00m to 70.00m	1	14.00			14.00			
	Ch: 70.00m to 80.00m	1	14.00			14.00			
	Ch: 80.00m to 90.00m	1	14.00			14.00			
	Ch: 90.00m to 100.00m	1	14.00			14.00			
	Ch: 100.00m to 110.00m	1	14.00			14.00			
	Ch: 110.00m to 120.00m	1	14.00			14.00			
	Ch: 120.00m to 130.00m	1	14.00			14.00			
	Ch: 130.00m to 140.00m	1	14.00			14.00			
	Ch: 140.00m to 150.00m	1	14.00			14.00			
	Ch: 150.00m to 160.00m	1	14.00			14.00			
	Ch: 160.00m to 170.00m	1	14.00			14.00			
	Ch: 170.00m to 180.00m	1	14.00			14.00			
	Ch: 180.00m to 190.00m	1	14.00			14.00			
	Ch: 190.00m to 200.00m	1	14.00			14.00			
	Ch: 200.00m to 210.00m	1	14.00			14.00			
	Ch: 210.00m to 220.00m	1	14.00			14.00			
	Ch: 220.00m to 230.00m	1	14.00			14.00			
	Ch: 230.00m to 240.00m	1	14.00			14.00			
	Ch: 240.00m to 250.00m	1	14.00			14.00			
	Ch: 250.00m to 260.00m	1	14.00			14.00			
	Ch: 260.00m to 270.00m	1	14.00			14.00			
	Ch: 270.00m to 280.00m	1	14.00			14.00			
	Ch: 280.00m to 290.00m	1	14.00			14.00			
	Ch: 290.00m to 300.00m	1	14.00			14.00			
	Ch: 300.00m to 310.00m	1	14.00			14.00			
	Ch: 310.00m to 320.00m	1	14.00			14.00			
	Ch: 320.00m to 330.00m	1	14.00			14.00			

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Contractor

Proprietor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst.Engineer,

Asst. Executive Engineer,
15/8/22

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch: 330.00m to 340.00m	1	14.00			14.00			
Ch: 340.00m to 350.00m	1	14.00			14.00			
Ch: 350.00m to 360.00m	1	14.00			14.00			
Ch: 360.00m to 370.00m	1	14.00			14.00			
Ch: 370.00m to 380.00m	1	14.00			14.00			
Ch: 380.00m to 390.00m	1	14.00			14.00			
Ch: 390.00m to 400.00m	1	14.00			14.00			
From Veersavankar Flyover To Araka Hospital For Cicle Track LHS								
Ch: 0.00m to 10.00m	1	14.00			14.00			
Ch: 10.00m to 20.00m	1	14.00			14.00			
Ch: 20.00m to 30.00m	1	14.00			14.00			
Ch: 30.00m to 40.00m	1	14.00			14.00			
Ch: 40.00m to 50.00m	1	14.00			14.00			
Ch: 50.00m to 60.00m	1	14.00			14.00			
Ch: 60.00m to 70.00m	1	14.00			14.00			
Ch: 70.00m to 80.00m	1	14.00			14.00			
Ch: 80.00m to 90.00m	1	14.00			14.00			
Ch: 90.00m to 100.00m	1	14.00			14.00			
Ch: 100.00m to 110.00m	1	14.00			14.00			
Ch: 110.00m to 120.00m	1	14.00			14.00			
Ch: 120.00m to 130.00m	1	14.00			14.00			
Ch: 130.00m to 140.00m	1	14.00			14.00			
Ch: 140.00m to 150.00m	1	14.00			14.00			
Ch: 150.00m to 160.00m	1	14.00			14.00			
Ch: 160.00m to 170.00m	1	14.00			14.00			
Ch: 170.00m to 180.00m	1	14.00			14.00			
Ch: 180.00m to 190.00m	1	14.00			14.00			
Ch: 190.00m to 200.00m	1	14.00			14.00			
Ch: 200.00m to 210.00m	1	14.00			14.00			
Ch: 210.00m to 220.00m	1	14.00			14.00			
Ch: 220.00m to 230.00m	1	14.00			14.00			
Ch: 230.00m to 240.00m	1	14.00			14.00			
Ch: 240.00m to 250.00m	1	14.00			14.00			
Ch: 250.00m to 260.00m	1	14.00			14.00			
Ch: 260.00m to 270.00m	1	14.00			14.00			
Ch: 270.00m to 280.00m	1	14.00			14.00			
Ch: 280.00m to 290.00m	1	14.00			14.00			
Ch: 290.00m to 300.00m	1	14.00			14.00			
Ch: 300.00m to 310.00m	1	14.00			14.00			
Ch: 310.00m to 320.00m	1	14.00			14.00			
				Present Qty	**1008.00**	**Mts**	**157.28**	**158533.20**

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Contractor

Proprietor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst.Engineer,

Asst. Executive Engineer,
18/8/22

ame of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

: of Measurement : 16/3/22

Detailed Measurements

n	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
2	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 25 sqmm								
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout								
	Ch:0.00m to 30.00m	1	33.00			33.00			
	Ch:30.00m to 60.00m	1	34.00			34.00			
	Ch:60.00m to 90.00m	1	32.00			32.00			
	Ch:90.00m to 120.00m	1	33.00			33.00			
	Ch:120.00m to 150.00m	1	35.00			35.00			
	Ch:150.00m to 180.00m	1	32.00			32.00			
	Ch:180.00m to 210.00m	1	35.00			35.00			
	Ch:210.00m to 240.00m	1	32.00			32.00			
	Ch:240.00m to 270.00m	1	31.00			31.00			
	Ch:270.00m to 300.00m	1	30.00			30.00			
	Ch:300.00m to 330.00m	1	34.00			34.00			
	Ch:330.00m to 360.00m	1	33.00			33.00			
	Ch:360.00m to 390.00m	1	32.00			32.00			
	Ch:390.00m to 420.00m	1	31.00			31.00			
	Ch:420.00m to 450.00m	1	30.00			30.00			
	Ch:450.00m to 480.00m	1	34.00			34.00			
	Ch:480.00m to 510.00m	1	32.00			32.00			
	Ch:510.00m to 540.00m	1	31.00			31.00			
	Ch:540.00m to 570.00m	1	30.00			30.00			
	Ch:570.00m to 600.00m	1	34.00			34.00			
	Ch:600.00m to 630.00m	1	32.00			32.00			
	Ch:630.00m to 660.00m	1	31.00			31.00			
	Ch:660.00m to 690.00m	1	30.00			30.00			
	Ch:690.00m to 720.00m	1	34.00			34.00			
	Ch:720.00m to 750.00m	1	33.00			33.00			
	Ch:750.00m to 780.00m	1	33.00			33.00			
	Ch:780.00m to 810.00m	1	33.00			33.00			
	Ch:810.00m to 840.00m	1	33.00			33.00			
	Ch:840.00m to 870.00m	1	32.00			32.00			
	Ch:870.00m to 900.00m	1	31.00			31.00			
	Ch:900.00m to 930.00m	1	30.00			30.00			
	Ch:930.00m to 960.00m	1	34.00			34.00			
	Ch:960.00m to 990.00m	1	30.00			30.00			
	Ch:990.00m to 1020.00m	1	34.00			34.00			

Contractor

Proprietor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer,

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್)(ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Asst. Executive Engineer,

18/5/22

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch:1020.00m to 1050.00m	1	32.00			32.00			
Ch:1050.00m to 1080.00m	1	33.00			33.00			
Ch:1080.00m to 1110.00m	1	32.00			32.00			
Ch:1110.00m to 1140.00m	1	31.00			31.00			
Ch:1140.00m to 1170.00m	1	30.00			30.00			
Ch:1170.00m to 1200.00m	1	34.00			34.00			
Ch:1200.00m to 1230.00m	1	36.00			36.00			
Ch:1230.00m to 1260.00m	1	32.00			32.00			
Ch:1260.00m to 1290.00m	1	31.00			31.00			
Ch:1290.00m to 1320.00m	1	30.00			30.00			
Ch:1320.00m to 1350.00m	1	34.00			34.00			
Ch:1350.00m to 1380.00m	1	31.00			31.00			
Ch:1380.00m to 1410.00m	1	32.00			32.00			
Ch:1410.00m to 1440.00m	1	31.00			31.00			
Ch:1440.00m to 1470.00m	1	30.00			30.00			
Ch:1470.00m to 1500.00m	1	34.00			34.00			
Ch:1500.00m to 1530.00m	1	34.00			34.00			
Ch:1530.00m to 1560.00m	1	32.00			32.00			
Ch:1560.00m to 1590.00m	1	31.00			31.00			
Ch:1590.00m to 1620.00m	1	30.00			30.00			
Ch:1620.00m to 1650.00m	1	34.00			34.00			
Ch:1650.00m to 1680.00m	1	34.00			34.00			
Ch:1680.00m to 1710.00m	1	33.00			33.00			
Ch:1710.00m to 1740.00m	1	35.00			35.00			
Ch:1740.00m to 1770.00m	1	36.00			36.00			
Ch:1770.00m to 1800.00m	1	35.00			35.00			
Ch:1800.00m to 1830.00m	1	34.00			34.00			
				Present Qty	**1979.00**	**Mts**	**188.73**	**373496.67**

CPC

18/8/22

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Suraksha Electric...
Proprietor
Contractor

NEWZEN CONSULTANT Bangalore
Consultant

Asst. Engineer,

Asst. Executive Engineer,
18/8/22

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 17/5/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
13	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 35 sqmm								
	For Panel Board								
	Cicle Track	2	28.00			56.00			
	Foothpath	2	33.00			66.00			
	New Udupi Veg Hotel	2	26.00			52.00			
	Yelahanka Lake	2	33.00			66.00			
		2	38.00			76.00			
		2	41.00			82.00			
		2	44.00			88.00			
		2	36.00			72.00			
					Present Qty	**558.00**	**Mts**		
					Upto 125%	**375.00**	**Mts**	**235.91**	**88467.19**
					Above 125%	**183.00**	**Mts**	**235.91**	**43171.99**

Contractor

Proprietor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer,

Asst. Executive Engineer,

18/8/22

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

ite of Measurement : 23/6/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
14	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct. 25 sqmm to 35 sqmm								
	Qty From **Item No-11**					1008.00			
					Present Qty	**1008.00**	**Mts**	12.46	**12555.83**

Contractor

NEWZEN CONSULTANT Consultant Bengaluru

Asst. Engineer,

Asst. Executive Engineer,

18/8/22

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 16/3/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
15	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required In existing trench/duct. 35 sqmm to 75 sqmm								
	Qty From Item No-12 & 13								
						2537.00			
					Present Qty	**2537.00**	**Mtr**	**16.25**	**41230.69**

Contractor

For M/s. Sy... Electric... Proprietor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer

Asst. Executive Engineer, YC 18/8/22

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 21/2/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
16	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary)								
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout								
	Ch:0.00m to 30.00m	1	28.00			28.00			
	Ch:30.00m to 60.00m	1	28.50			28.50			
	Ch:60.00m to 90.00m	1	28.00			28.00			
	Ch:90.00m to 120.00m	1	29.00			29.00			
	Ch:120.00m to 150.00m	1	29.50			29.50			
	Ch:150.00m to 180.00m	1	28.00			28.00			
	Ch:180.00m to 210.00m	1	30.00			30.00			
	Ch:210.00m to 240.00m	1	28.00			28.00			
	Ch:240.00m to 270.00m	1	28.00			28.00			
	Ch:270.00m to 300.00m	1	28.50			28.50			
	Ch:300.00m to 330.00m	1	29.00			29.00			
	Ch:330.00m to 360.00m	1	29.00			29.00			
	Ch:360.00m to 390.00m	1	29.00			29.00			
	Ch:390.00m to 420.00m	1	28.50			28.50			
	Ch:420.00m to 450.00m	1	28.00			28.00			
	Ch:450.00m to 480.00m	1	28.00			28.00			
	Ch:480.00m to 510.00m	1	28.50			28.50			
	Ch:510.00m to 540.00m	1	28.00			28.00			
	Ch:540.00m to 570.00m	1	29.00			29.00			
	Ch:570.00m to 600.00m	1	29.50			29.50			
	Ch:600.00m to 630.00m	1	28.00			28.00			
	Ch:630.00m to 660.00m	1	30.00			30.00			
	Ch:660.00m to 690.00m	1	28.00			28.00			
	Ch:690.00m to 720.00m	1	28.00			28.00			
	Ch:720.00m to 750.00m	1	28.50			28.50			
	Ch:750.00m to 780.00m	1	29.00			29.00			
	Ch:780.00m to 810.00m	1	29.00			29.00			
	Ch:810.00m to 840.00m	1	29.00			29.00			
	Ch:840.00m to 870.00m	1	28.50			28.50			
	Ch:870.00m to 900.00m	1	28.00			28.00			
	Ch:900.00m to 930.00m	1	28.00			28.00			
	Ch:930.00m to 960.00m	1	28.50			28.50			
	Ch:960.00m to 990.00m	1	28.00			28.00			
	Ch:990.00m to 1020.00m	1	29.00			29.00			
	Ch:1020.00m to 1050.00m	1	29.50			29.50			
	Ch:1050.00m to 1080.00m	1	28.00			28.00			

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

T.G.N. Babu

Asst.Engineer

T.G.N. Babu

Asst. Executive Engineer,

15/2/22

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
h: 190.00m to 200.00m	1	14.00			14.00			
Ch: 200.00m to 210.00m	1	14.00			14.00			
Ch: 210.00m to 220.00m	1	14.00			14.00			
Ch: 220.00m to 230.00m	1	14.00			14.00			
Ch: 230.00m to 240.00m	1	14.00			14.00			
Ch: 240.00m to 250.00m	1	14.00			14.00			
Ch: 250.00m to 260.00m	1	14.00			14.00			
Ch: 260.00m to 270.00m	1	14.00			14.00			
Ch: 270.00m to 280.00m	1	14.00			14.00			
Ch: 280.00m to 290.00m	1	14.00			14.00			
Ch: 290.00m to 300.00m	1	14.00			14.00			
Ch: 300.00m to 310.00m	1	14.00			14.00			
Ch: 310.00m to 320.00m	1	14.00			14.00			
Ch: 320.00m to 330.00m	1	14.00			14.00			
Ch: 330.00m to 340.00m	1	14.00			14.00			
Ch: 340.00m to 350.00m	1	14.00			14.00			
Ch: 350.00m to 360.00m	1	14.00			14.00			
Ch: 360.00m to 370.00m	1	14.00			14.00			
Ch: 370.00m to 380.00m	1	14.00			14.00			
Ch: 380.00m to 390.00m	1	14.00			14.00			
Ch: 390.00m to 400.00m	1	14.00			14.00			
From Veersavankar Flyover To Araka Hospital For Cicle Track LHS								
Ch: 0.00m to 10.00m	1	14.00			14.00			
Ch: 10.00m to 20.00m	1	14.00			14.00			
Ch: 20.00m to 30.00m	1	14.00			14.00			
Ch: 30.00m to 40.00m	1	14.00			14.00			
Ch: 40.00m to 50.00m	1	14.00			14.00			
Ch: 50.00m to 60.00m	1	14.00			14.00			
Ch: 60.00m to 70.00m	1	14.00			14.00			
Ch: 70.00m to 80.00m	1	14.00			14.00			
Ch: 80.00m to 90.00m	1	14.00			14.00			
Ch: 90.00m to 100.00m	1	14.00			14.00			
Ch: 100.00m to 110.00m	1	14.00			14.00			
Ch: 110.00m to 120.00m	1	14.00			14.00			
Ch: 120.00m to 130.00m	1	14.00			14.00			
Ch: 130.00m to 140.00m	1	14.00			14.00			
Ch: 140.00m to 150.00m	1	14.00			14.00			
Ch: 150.00m to 160.00m	1	14.00			14.00			
Ch: 160.00m to 170.00m	1	14.00			14.00			
Ch: 170.00m to 180.00m	1	14.00			14.00			
Ch: 180.00m to 190.00m	1	14.00			14.00			
Ch: 190.00m to 200.00m	1	14.00			14.00			
Ch: 200.00m to 210.00m	1	14.00			14.00			
Ch: 210.00m to 220.00m	1	14.00			14.00			
Ch: 220.00m to 230.00m	1	14.00			14.00			
Ch: 230.00m to 240.00m	1	14.00			14.00			

Contractor

NEIWZEN CONSULTANT Bangalore

Consultant

Asst.Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೆಸ್ಕಾಂ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಜಿಲ್ಲೆ

Asst. Executive Engineer

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
h: 240.00m to 250.00m	1	14.00			14.00			
Ch: 250.00m to 260.00m	1	14.00			14.00			
Ch: 260.00m to 270.00m	1	14.00			14.00			
Ch: 270.00m to 280.00m	1	14.00			14.00			
Ch: 280.00m to 290.00m	1	14.00			14.00			
Ch: 290.00m to 300.00m	1	14.00			14.00			
Ch: 300.00m to 310.00m	1	14.00			14.00			
Ch: 310.00m to 320.00m	1	14.00			14.00			
				Present Qty	**2754.00**	**Mtr**	**79.69**	**219455.24**

18/8/22

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Contractor

Consultant

Asst.Engineer

Asst. Executive Engineer,
18/8/22

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 11/5/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
17	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.(As per Civil SR KSRB I-2, P-7)Asphalt cutting								
	For Panel Board								
	Yelahanka Lake	1	33.00			33.00			
		1	38.00			38.00			
		1	41.00			41.00			
		1	44.00			44.00			
		1	36.00			36.00			
					Present Qty	**192.00**	**Nos**	**118.48**	**22748.26**

Contractor

Proprietor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer,

Asst. Executive Engineer,

18/8/22

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 28/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
18	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 1.5 sqmm								
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout								
	For one pole (11x2x3)+(3x3)=75.00m	61	75.00			4575.00			
					Present Qty	**4575.00**	**Mtr**	**21.49**	**98336.19**

Contractor

Consultant

Asst. Engineer,

Asst. Executive Engineer,

1/8/22

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 26/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
19	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than .25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm								
	For Pole								
	Yelahanka Lake	5	4.00			20.00			
	Cicle Track	1	4.00			4.00			
	Foothpath	1	4.00			4.00			
	New Udupi Veg Hotel	1	4.00			4.00			
	For Crossing								
	Yelahanka Lake	5	6.00			30.00			
	Cicle Track	1	2.50			2.50			
	Foothpath	1	1.50			1.50			
	New Udupi Veg Hotel	1	4.00			4.00			
					Present Qty	**70.00**	**Mtr**	**351.25**	**24587.33**

Contractor

Proprietor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer,

Asst. Executive Engineer,
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 26/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
20	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.35Sqmm								
	For Panel Board								
	Yelahanka Lake	5				5.00			
	Cicle Track	1				1.00			
	Foothpath	1				1.00			
	New Udupi Veg	1				1.00			
					Present Qty	**8.00**	**Nos**	**366.98**	**2935.80**

Contractor

Consultant

NEWZEN CONSULTANT ★ Bangalore ★

Asst.Engineer,

Asst. Executive Engineer,
18/8/22

ame of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

ate of Measurement : 30/7/22

Detailed Measurements

tem No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
21	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel								
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout								
		8	61.00			488.00			
	Major Sandeeep Unni Krishnan Road								
	From Veersavankar Flyover For Cicle Track LHS								
		8	40.00			320.00			
		8	33			264.00			
					Present Qty	**1072.00**	**Nos**	**20.97**	**22479.84**

C.F.C

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Executive Engineer

18/8/22

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 25/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
22	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode.The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.								
	For Panel Board								
	Yelahanka Lake	5				5.00			
	Cicle Track	1				1.00			
	Foothpath	1				1.00			
	New Udupi Veg Hotel	1				1.00			
					Present Qty	**8.00**	**Nos**	**4351.28**	**34810.20**

Contractor

Proprietor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer,

Asst. Executive Engineer

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 25/7/22

Detailed Measurements

m io	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
23	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.600x600x3mm Copper plate								
	For Panel Board								
	Yelahanka Lake	5	5.00			25.00			
	Cicle Track	1	5.00			5.00			
	Foothpath	1	5.00			5.00			
	New Udupi Veg Hotel	1	5.00			5.00			
					Present Qty	**40.00**	**Nos**	**7234.65**	**289386.00**

Contractor

Proprietor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 25/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
24	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm								
	For Panel Board								
	Yelahanka Lake	5	6.00			30.00			
	Cicle Track	1	6.00			6.00			
	Foothpath	1	7.00			7.00			
	New Udupi Veg Hotel	1	7.00			7.00			
					Present Qty	**50.00**	**Mtr**	**267.37**	**13368.38**

UFC

Contractor

Proprietor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

Asst. Executive Engineer,

18/8/22

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 25/7/22

Detailed Measurements

m lo	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
25	Fabricating supplying and mounting MS box made out SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with								
	For Panel Board								
	Yelahanka Lake	5	35000.00			175000.00			
	Cicle Track	1	35000.00			35000.00			
	Foothpath	1	35000.00			35000.00			
	New Udupi Veg Hotel	1	35000.00			35000.00			
						Present Qty **280000.00**	**Sqcm**	**0.37**	**102753.00**

Contractor

Proprietor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer,

Asst. Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 25/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
26	Supplying and fixing Moulded Case Circuit Breaker (MCCB)over the existing wood/panel board using necessary screws,bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and								
	For Panel Board								
	Yelahanka Lake	5				5.00			
	Cicle Track	1				1.00			
	Foothpath	1				1.00			
	New Udupi Veg Hotel	1				1.00			
					Present Qty	**8.00**	**Nos**	**6710.40**	**53683.20**

Contractor

Proprietor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Executive Engineer

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 30/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
27	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.								
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout								
		50				50.00			
	From New Udupi Veg Hotel To Susilamma Layout								
		40				40.00			
	From Seshadripuram College to Bangarpet Chats								
		80				80.00			
					Present Qty	**170.00**	**Nos**		
					Upto 125%	**1.00**	**Nos**	**183.49**	**183.49**
					Above 125%	**169.00**	**Nos**	**183.49**	**31009.39**

Contractor

Proprietor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer,

Asst. Executive Engineer,
ಸಹಾಯಕ ಕಾರ್ಯ ನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಶ್ರೇಷ್ಠ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 25/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
29	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.25x3mm Copper strip								
	For Panel Board								
	Yelahanka Lake	5	2.00			10.00			
	Cicle Track	1	2.00			2.00			
	Foothpath	1	2.00			2.00			
	New Udupi Veg Hotel	1	2.00			2.00			
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout								
		61	0.5			30.50			
	Major Sandeeep Unni Krishnan Road								
	From Veersavankar Flyover To Araka Hospital								
		40	0.5			20.00			
		32	0.5			16.00			
					Present Qty	**82.50**	**Mtr**		
					Upto 125%	**75.00**	**Mtr**	**529.49**	**39711.94**
					Above 125%	**7.50**	**Mtr**	**529.49**	**3971.19**

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

Asst. Executive Engineer,
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 30/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
30	Supplying & fixing of retrofit type - LED bulb.....W with OPAL acrylic diffuser comprising of LED source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt,life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%,Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by ABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition 18W, 6500K								
	Doddaballapur Road								
	From New Udupi Veg Hotel								
	To Susilamma Layout								
		61							
						61.00			
						Present Qty **61.00**	**Nos**	**267.37**	**16309.42**

Contractor

Proprietor
M/s. Sur[illegible]

NEWZEN CONSULTANTS Bangalore
Consultant

Asst. Engineer

Asst. Executive Engineer,
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ [illegible]

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 25/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
31	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.63Amps								
	Yelahanka Lake	5	2.25			11.25			
	Cicle Track	1	2.25			2.25			
	Foothpath	1	2.25			2.25			
	New Udupi Veg Hotel	1	2.25			2.25			
					Present Qty	**18.00**	**Nos**	**238.01**	**4284.17**

Contractor

Proprietor

NEWZEN CONSULTANTS Bangalore Consultant

Asst. Engineer,

Asst. Executive Engineer,

18/8/22

ame of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

ate of Measurement : 13/7/22

Detailed Measurements

tem No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
34	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires. (Releasing of LED Lights=90% of erction Charges Rs 175x90%=157.50)								
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout LHS								
		50				50.00			
						Present Qty **50.00**	**Each**	**164.61**	**8230.73**

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer,

Asst. Executive Engineer,
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 10/8/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
37	Supply and erection of 3 Mtr long Aluminium Pole with 60 watt LED Light made out of extruded alluminium 80x120mm with 3 MM thickness, with attached bent Square curvature at the top with Two nos of Light, Blue colour Strip Light should be conduted along the Pole and Square light on liner side, Grey Colour Powder Coated, strip wattage 20W, pole is mounted on base Plate of 200x200 with required 4 nos foundation Bolts suitable for cable entry hole of 60mm at the bottom of the Pole. MCB Cutting of 500mm from the bottom of the pole with 12 inches Height.as per the Drawing enclosed . Model name & Make :Square super , Emerald Lighting Solutions or any equalent								
	Major Sandeeep Unni Krishnan Road From Veersavankar Flyover To Araka Hospital For Cicle Track LHS								
		40				40.00			
						Present Qty	**40.00**	**Nos**		
						Upto 125%	**32.00**	**Nos**	**35347.03**	**1131105.02**
						Above 125%	**8.00**	**Nos**	**35347.03**	**282776.26**

Contractor

NEWZEN CONSULTANT Consultant Bangalore

Asst. Engineer,

Asst. Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ \ ಉಪ \ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 12/8/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
38	Supply of 3 Mtr Powder Coated Aluminium Pole with 60W Light and strip wattage of 20W, dimension of pole 3mm gage with 80x120mm with Body Colour Grey with Diamond Shaped Curvature suspended from the top bend at 45 deg from the pole. Illumination is from the top fixed inside the Diamond shaped Curvature Strip Light is conduted along with the Pole liner with Blue Light Illumnation. Square base Plate in welded at the bottom of the pole oif 200x200 with required 4 nos foundation Bolts suitable for cable entry hole of 60mm at the bottom of the Pole. MCB Cutting of 500mm from the bottom of the pole with 12 inches Height. Model : Diamond Cargo Make : emerald Lighting Solutions								
	Major Sandeeep Unni Krishnan Road								
	From Veersavankar Flyover To Araka Hospital For Cicle Track LHS								
		32				32.00			
						Present Qty	**32.00**	**Nos**	
						Upto 125%	**31.00**	**Nos**	**45446.18**	**1408831.70**
						Above 125%	**1.00**	**Nos**	**45446.18**	**45446.18**

Contractor

NEWZEN CONSULTANT Bangalore
Consultant

Asst. Engineer,

Asst. Executive Engineer,
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 8/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
39	Fabricating, Supplying and errection of decorative bent type Conical Street light pole with hot dip Galvanized with BSEN 10025 grade S 355 JO Steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet for MCBs as per IS Specifications.suitable to withstand the wind speed. The total height of the pole 9 mtrs. The pole should have 2 nos of pole esthetically bent either side. The dimensions of the pole bottom 178 mm,at 9 mtrs height 70 mm 3mm thick and one number of 3 mtr height perforated pole having colour changing LED Fixture, inside as suitable to the picture. The base plate size of 350mm x 350mm x 18 mm and the pole shall be galvanized with not less than 65 micron etc and finally finished with paint as required with two different colour. (With out foundation). As per the enclosed pictures and as per IS standards. As per attached Drawing								
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout								
		61				61.00			
						Present Qty	**61.00**	**Nos**	**96986.25**	**5916161.25**

Contractor

NEWZEN CONSULTANT Bangalore
Consultant

Asst. Engineer,

Asst. Executive Engineer,
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬ್ಯಪತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ
ಬ್ಯಪತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 20/7/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
40	Laying of UG Cables by Trenches technology by adopting horizontal boring & Drawing of Cable including preparation at site with HDPE Pipe i) Normal soil 5/6" bore size								
	For Panel Board								
	Cicle Track	1	28.00			28.00			
	Foothpath	1	33.00			33.00			
	New Udupi Veg Hotel	1	26.00			26.00			
					Present Qty	**87.00**	**Mtr**	**889.13**	**77354.14**

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer,

Asst. Executive Engineer,
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
(ವಿದ್ಯುತ್) ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 25/08/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
F1	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.								
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout								
	Ch:0.00m to 30.00m LHS	1	2.30			2.30			
	Ch:0.00m to 30.00m RHS	1	2.30			2.30			
	Ch:30.00m to 60.00m LHS	1	2.30			2.30			
	Ch:30.00m to 60.00m RHS	1	1.20			1.20			
	Ch:60.00m to 90.00m LHS	1	3.40			3.40			
	Ch:60.00m to 90.00m RHS	1	3.35			3.35			
	Ch:90.00m to 120.00m LHS	1	3.40			3.40			
	Ch:90.00m to 120.00m RHS	1	3.35			3.35			
	Ch:120.00m to 150.00m LHS	1	2.30			2.30			
	Ch:120.00m to 150.00m RHS	1	1.20			1.20			
	Ch:150.00m to 180.00m LHS	1	2.30			2.30			
	Ch:150.00m to 180.00m RHS	1	1.20			1.20			
	Ch:180.00m to 210.00m LHS	1	3.35			3.35			
	Ch:180.00m to 210.00m RHS	1	3.40			3.40			
	Ch:210.00m to 240.00m LHS	1	2.30			2.30			
	Ch:210.00m to 240.00m RHS	1	2.30			2.30			
	Ch:240.00m to 270.00m LHS	1	2.30			2.30			
	Ch:240.00m to 270.00m RHS	1	2.30			2.30			
	Ch:270.00m to 300.00m LHS	1	2.30			2.30			
	Ch:270.00m to 300.00m RHS	1	3.35			3.35			
	Ch:300.00m to 330.00m LHS	1	3.40			3.40			
	Ch:300.00m to 330.00m RHS	1	3.40			3.40			
	Ch:330.00m to 360.00m LHS	1	2.30			2.30			
	Ch:330.00m to 360.00m RHS	1	2.30			2.30			
	Ch:360.00m to 390.00m LHS	1	2.30			2.30			
	Ch:360.00m to 390.00m RHS	1	2.30			2.30			
	Ch:390.00m to 420.00m LHS	1	2.30			2.30			
	Ch:390.00m to 420.00m RHS	1	2.30			2.30			
	Ch:420.00m to 450.00m LHS	1	2.30			2.30			
	Ch:420.00m to 450.00m RHS	1	2.30			2.30			
	Ch:450.00m to 480.00m LHS	1	2.30			2.30			
	Ch:450.00m to 480.00m RHS	1	2.30			2.30			
	Ch:480.00m to 510.00m LHS	1	3.35			3.35			

Contractor

NEWZEN CONSULTANTS Consultant

Asst. Engineer,

Asst. Executive Engineer,

Name of Work: Upgradation of Energy efficient Illumination and ornamental poles in Ward No 02 & 04 Parks in Yelahanka Assembly Constituency

Date of Measurement : 26/08/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
E2	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8								
	Doddaballapur Road								
	From New Udupi Veg Hotel To Susilamma Layout								
	Ch:0.00m to 30.00m	1	30.00		0.35	10.50			
	Ch:30.00m to 60.00m	1	30.00		0.35	10.50			
	Ch:60.00m to 90.00m	1	30.00		0.35	10.50			
	Ch:90.00m to 120.00m	1	30.00		0.35	10.50			
	Ch:120.00m to 150.00m	1	30.00		0.35	10.50			
	Ch:150.00m to 180.00m	1	30.00		0.35	10.50			
	Ch:180.00m to 210.00m	1	30.00		0.35	10.50			
	Ch:210.00m to 240.00m	1	30.00		0.35	10.50			
	Ch:240.00m to 270.00m	1	30.00		0.35	10.50			
	Ch:270.00m to 300.00m	1	30.00		0.35	10.50			
	Ch:300.00m to 330.00m	1	30.00		0.35	10.50			
	Ch:330.00m to 360.00m	1	30.00		0.35	10.50			
	Ch:360.00m to 390.00m	1	30.00		0.35	10.50			
	Ch:390.00m to 420.00m	1	30.00		0.35	10.50			
	Ch:420.00m to 450.00m	1	30.00		0.35	10.50			
	Ch:450.00m to 480.00m	1	30.00		0.35	10.50			
	Ch:480.00m to 510.00m	1	30.00		0.35	10.50			
	Ch:510.00m to 540.00m	1	30.00		0.35	10.50			
	Ch:540.00m to 570.00m	1	30.00		0.35	10.50			
	Ch:570.00m to 600.00m	1	30.00		0.35	10.50			
	Ch:600.00m to 630.00m	1	30.00		0.35	10.50			
	Ch:630.00m to 660.00m	1	30.00		0.35	10.50			
	Ch:660.00m to 690.00m	1	30.00		0.35	10.50			
	Ch:690.00m to 720.00m	1	30.00		0.35	10.50			
	Ch:720.00m to 750.00m	1	30.00		0.35	10.50			
	Ch:750.00m to 780.00m	1	30.00		0.35	10.50			
	Ch:780.00m to 810.00m	1	30.00		0.35	10.50			
	Ch:810.00m to 840.00m	1	30.00		0.35	10.50			
	Ch:840.00m to 870.00m	1	30.00		0.35	10.50			
	Ch:870.00m to 900.00m	1	30.00		0.35	10.50			
	Ch:900.00m to 930.00m	1	30.00		0.35	10.50			
	Ch:930.00m to 960.00m	1	30.00		0.35	10.50			
	Ch:960.00m to 990.00m	1	30.00		0.35	10.50			
	Ch:990.00m to 1020.00m	1	30.00		0.35	10.50			
	Ch:1020.00m to 1050.00m	1	30.00		0.35	10.50			
	Ch:1050.00m to 1080.00m	1	30.00		0.35	10.50			
	Ch:1080.00m to 1110.00m	1	30.00		0.35	10.50			

Contractor

NEWZEN CONSULTANT

Consultant

Asst. Engineer,r

Asst. Executive Engineer,

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch:1110.00m to 1140.00m	1	30.00		0.35	10.50			
Ch:1140.00m to 1170.00m	1	30.00		0.35	10.50			
Ch:1170.00m to 1200.00m	1	30.00		0.35	10.50			
Ch:1200.00m to 1230.00m	1	30.00		0.35	10.50			
Ch:1230.00m to 1260.00m	1	30.00		0.35	10.50			
Ch:1260.00m to 1290.00m	1	30.00		0.35	10.50			
Ch:1290.00m to 1320.00m	1	30.00		0.35	10.50			
Ch:1320.00m to 1350.00m	1	30.00		0.35	10.50			
Ch:1350.00m to 1380.00m	1	30.00		0.35	10.50			
Ch:1380.00m to 1410.00m	1	30.00		0.35	10.50			
Ch:1410.00m to 1440.00m	1	30.00		0.35	10.50			
Ch:1440.00m to 1470.00m	1	30.00		0.35	10.50			
Ch:1470.00m to 1500.00m	1	30.00		0.35	10.50			
Ch:1500.00m to 1530.00m	1	30.00		0.35	10.50			
Ch:1530.00m to 1560.00m	1	30.00		0.35	10.50			
Ch:1560.00m to 1590.00m	1	30.00		0.35	10.50			
Ch:1590.00m to 1620.00m	1	30.00		0.35	10.50			
Ch:1620.00m to 1650.00m	1	30.00		0.35	10.50			
Ch:1650.00m to 1680.00m	1	30.00		0.35	10.50			
Ch:1680.00m to 1710.00m	1	30.00		0.35	10.50			
Ch:1710.00m to 1740.00m	1	30.00		0.35	10.50			
Ch:1740.00m to 1770.00m	1	30.00		0.35	10.50			
Ch:1770.00m to 1800.00m	1	30.00		0.35	10.50			
Ch:1800.00m to 1830.00m	1	30.00		0.35	10.50			
				Present Qty	**640.50**	**Sqm**	**88.96**	**56975.81**
						Total		**14602349.06**
						Excluding of Item 30,37,38&39 GST 12%		**696206.31**
						Grand Total		**15298555.37**

Contractor

Consultant

Asst. Engineer,r

Asst. Executive Engineer